



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10

Application Number

10/829,493

Filing Date

April 22, 2004

First Named Inventor

William David Schaefer

Art Unit

2635

Examiner Name

Unknown

Attorney Docket Number

37041-11449

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Copy of Notice to File Missing Parts;
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Declaration; Power of Attorney;
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	Postcard
<input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Jenner & Block LLP, One IBM Plaza, Chicago, IL 60611		
Signature			
Printed name	Mark P. Vrla		
Date	December 2, 2004	Reg. No.	43,973

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Loraine Perry	Date	December 2, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 10/01/2004. Patent fees are subject to annual revision.

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**1,660.00**

Complete if Known

Application Number	10/829,493
Filing Date	April 22, 2004
First Named Inventor	William David Schaefer
Examiner Name	Unknown
Art Unit	2635
Attorney Docket No.	37041-11449

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order

☒ Deposit Account ☐ None

Deposit Account Number
10-0460

Deposit Account Name
Jenner & Block

The Director is hereby authorized to: (check all that apply)

- ☒ Charge fee(s) indicated below
- ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- ☒ Credit any overpayments

to the above-identified deposit account.

☐ Other (please identify):

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING FEE

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility Filing Fee	790	395	
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	
Subtotal (1) \$ 0.00			

FEE CALCULATION (continued)

2. EXTRA CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

Total Claims Extra Claims Fee (\$) Fee Paid (\$)
- 20 or HP = **x** =
HP = highest number of total claims paid for, if greater than 20

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)
- 3 or HP = **x** =
HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims Fee (\$) Fee Paid (\$)

Subtotal (2) \$ **0.00**

3. OTHER FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	1,530
5-month extension of time	2,080	1,040	
Information disclosure stmt. fee	180	180	
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	
Other: Late Declaration			130

Subtotal (3) \$ **1,660.00**

SUBMITTED BY

Signature	<i>Mark P. Vrla</i>	Registration No. (Attorney/Agent) 43,973	Telephone (312) 923-2657
Name (Print/Type)	Mark P. Vrla	Date Dec. 2, 2004	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket No.
37041-11449

Loraine Perry
(Type Name of Person Mailing Correspondence)

Loraine Perry
Signature

December 2, 2004
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: William David Schaefer)
Serial No. 10/829,493)
Filed: April 22, 2004)
Group Art Unit: 2635)
Examiner: Unknown)
Title: Multi-Layer Solid State Keyboard)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS

Sir:

This paper is responsive to the Notice to File Missing Parts of Nonprovisional Application dated June 28, 2004, having a shortened statutory period for response that expired August 28, 2004. A petition under 37 F.C.R. § 1.136(a) for fourth-month extension of time and the required fee are filed herewith.

Enclosed is a copy of the Notice to File Missing Parts and a signed inventor's Declaration. Also enclosed is a Power of Attorney.

Respectfully submitted,



Mark P. Vrla

Registration No. 43,973

Dated: December 2, 2004

JENNER & BLOCK LLP
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Chicago, IL 60611
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/829,493	04/22/2004	William David Schaefer	37041-10876A

CONFIRMATION NO. 6931

02574
JENNER & BLOCK, LLP
ONE IBM PLAZA
CHICAGO, IL 60611

FORMALITIES LETTER



OC000000013085166

Date Mailed: 06/28/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

12/08/2004 SDENBOB1 00000028 100460 10829493

FILED UNDER 37 CFR 1.53(b)

01 FC:1051 130.00 DA

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

BINH

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE